

The background of the slide features a circular pattern composed of numerous small, colorful rectangles arranged in concentric rings. The colors include various shades of green, blue, red, and yellow. In the upper right quadrant, there is a cluster of these rectangles that has been scattered and distorted, creating a sense of motion or energy.

# Capstone Check-In - Part I

Bob Ding – GA DSI 720

# I. Restaurant Recommendation

- ❖ Data will be collected from:
  - ❖ Yelp
  - ❖ Reddit
- ❖ Convert the data to csv file
- ❖ My stretch goals include:
  - ❖ To build a recommendation system that will recommend users a few choices based the word they type in.
  - ❖ My observations will be posts from the previous reviewers and my target will be a few restaurant names.

## 2. Patent Classification

- ❖ Data will be collected from:
  - ❖ <https://www.patentsview.org/download/>
  - ❖ <https://developer.uspto.gov/>
- ❖ My stretch goals include:
  - ❖ To build a system to detect if patent can be approved or not during application
  - ❖ Or to build a system to detect if patent would like to be appealed or challenged after published.
- ❖ My observations will be \_text \_ from \_the previous \_-patents\_\_ and my target will be \_approved or not , challenged or not\_\_\_

### 3. Baking / Cooking Recipes

- ❖ Data will be collected from:
  - ❖ [http://www.odditysoftware.com/free\\_lists.html](http://www.odditysoftware.com/free_lists.html)
  - ❖ Or any other place from internet.
- ❖ My stretch goals include:
  - ❖ Use unsupervised learning to look at existing recipes, figure out the rules, and to make something new.